Using Impact LX with GarageBand

Applicable to Impact LX25, 49, 61 & 88

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GarageBand Integration Setup and Configuration

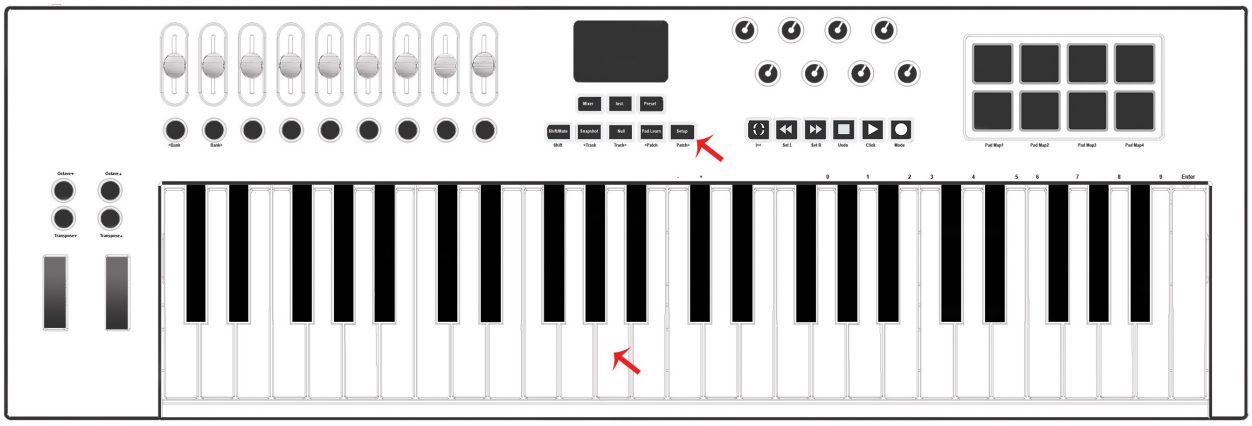
The Impact LX GarageBand Integration has been verified with version 9 and 10. The following instructions assumes you have one of these programs installed running OS X 10.7 or higher.

Setup

Here are the steps you need to go through to get GarageBand up and running with your Impact LX:

- Locate the "Impact LX DAW Integration" folder on the included DVD or download it from "My Downloads" on www.nektartech.com after registering your product
- Run the "DAW Integration Installer" in that folder and follow the on-screen instructions
- Plug-in your Impact LX and make sure it's switched on (if you didn't do so already)
- Press the [Setup] button (top red arrow below) on your Impact LX and press the A2 key (bottom red arrow below) on the keyboard (from the C-key with the - above, count 3 keys down)
- The value in the display shows 000, Change it to 001 by pressing the C#-key with + above it
- Launch GarageBand
- Create a new Project
- Create an Audio or Instrument track

That's it, setup is now complete.



GarageBand and Impact LX Working Together

The following pages focus on how GarageBand and Impact LX work together. If you have been using GarageBand for a while, you may not need any additional information but it's always a good idea to revisit the extensive GarageBand documentation to remind yourself about how it's functions work.

Track Changes

To navigate GarageBand tracks from Impact LX, press [Shift]+[<Track] to go to the previous track and [Shift]+[Track>] to go to the next track. This is the same as using the arrow up/down keys on your computer keyboard.

Transport

The transport buttons give access to activate or deactivate the following transport functions: Cycle (loop), Rewind (in 1 bar decrements), Forward (in 1 bar increments), Stop, Play, Record.

In addition the buttons double up with functionality that's accessed by holding down the [Shift] button. The chart below tells you what each button and button combination does and how they behave.

Key Combination	Description
[Cycle]	Switch the loop/cycle between the Left and Right locators on/off
[Rewind]	Rewinds in steps of 1 bar. Press and hold for fast rewind
[Forward]	Forward in steps of 1 bar. Press and hold for fast forward
[Stop]	Stop playback
[Play]	Activate play
[Record]	Activate record. Press again to deactivate record but continue play
[Shift]+[Play]	Switch the Click/metronome on/off. Supported in version 10

GarageBand Mixer Control

To control the GarageBand mixer, press the [Mixer] button to select the mixer preset. The display's left dot is illuminated while the preset is selected and the Logic mixer is being controlled.

Channel Volume & Pan

With the mixer preset active, moving faders 1-8 will control the first 8 mixer channels in the GarageBand mixer. The 8 pots control pan for each or the corresponding channels.

Fader 9 controls the channel corresponding to the currently selected track so as you change tracks, you can quickly change volume while you are working. If you have 15 tracks in your song and the currently selected track is 12, that would result in faders 1-8 controlling mixer channel volume 9-16 and fader 9 controlling channel volume 12.

Mute & Solo

Fader buttons 1-8 control mute for each of the tracks the faders are assigned to control. If you prefer to solo tracks, you can press and hold fader button 9 while pressing fader buttons 1-8. The 8 buttons will now control solo for their corresponding tracks.

Bank Over (1-8), (9-16) etc

If your project contains more than 8 mixer channels you can bank over so the faders 1-8 control the next group of 8 channels.

To do this, press [Shift]+[Bank>] (the second fader button). The faders, pots and fader buttons are now assigned to control channels 9-16. Push the same key combination again to control 17-24 etc.

To go back you press [Shift]+[<Bank].

Master Volume

You can control the Master Volume fader of the GarageBand mixer by pressing [Fader button 9] and then move fader 9 while the button is pressed.

Upon release of the button, fader 9 will revert to control the current channel volume.

Using the Pads

Drum instruments can be played from the Impact LX keyboard or it's 8 pads.

Operating a drum instrument works the same way as any other instrument and using the Pad maps 1+2 you are able to play drum sounds straight away. However you may want to re-organize the sounds played by each pad for your playing style.

"Learning" Drum Sounds to the Pads

It's easy to change a pad note assignment using the Pad Learn function. It works as follows:

1. Press the function button labeled [Pad Learn]. The display will now blink, showing P1 (pad 1) as the default selected pad.
2. Hit the pad you want to assign a new note value to. The display blinks and updates to show the number of the pad you selected.
3. Press the key on the keyboard that plays the sound you want to assign to the pad. You can keep playing notes on the keyboard until you have found the note you want.
4. When you are done, press [Pad Learn] to exit and start playing your pads with the new assignment.

You can keep repeating steps 2. and 3. until you have created a complete Pad Map. The settings are stored over power cycling so you will not lose them as you power down your system. However it's a good idea to save setups that you may want to have access to regularly in the future to one of the 4 pad map locations in Impact LX49. To learn how to do that, go to the "Setup Menu" section in this manual.

Future Updates

We have strived to provide a feature complete experience with our DAW support and hope this is reflected in your experience with Impact LX. Over time, there will be updates that may include new features, added support for new version of operating systems and programs or bug fixes.

If you want to get automatic notifications of any updates and other news you can create a Nektar user account and subsequently register your product with us. Here is the URL to get started

Http://www.nektartech.com/registration

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